

Abstract

This invention relates to a composite construction for use as a label or a tape to be adhered to a second substrate comprising a rubber-based material (e.g., vehicular tire), said composite construction comprising: a first
5 substrate (e.g., paper, polymer film or combination thereof), said first substrate having a face side and an underside opposite said face side; an adhesive layer; and a barrier layer adhered to the underside of said first substrate and positioned between said first substrate and said adhesive layer, said barrier layer comprising a radiation cured acrylated epoxy derived from at
10 least one acrylated epoxy oligomer and at least one reactive diluent selected from N-vinyl-2-pyrrolidone and N-vinylcaprolactam, said barrier layer being substantially impervious to migratory components in said adhesive layer and said second substrate. In one embodiment, a release liner is adhered to the adhesive layer. In one embodiment, the composite construction is adhered to
15 the second substrate.

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